

Title (en)
PROCESS FOR MANUFACTURING TEREPHTHALIC ACID

Title (de)
VERFAHREN ZUR HERSTELLUNG VON TEREPTHALSÄURE

Title (fr)
PROCEDE POUR FABRIQUER DE L'ACIDE TEREPHTALIQUE

Publication
EP 0876324 B1 20000405 (EN)

Application
EP 95941925 A 19951230

Priority
KR 9500187 W 19951230

Abstract (en)
[origin: WO9724312A1] This invention relates to a process for manufacturing terephthalic acid and more particularly, to a process of manufacturing and recovering the highly purified terephthalic acid using an alkali weight-reduction waste water discharged from weight-reduction process in a polyester textile dyeing complex, in accordance with the practice of this invention comprising the following procedures: polyethylene terephthalate (hereinafter referred to "PET") waste scrap materials are hydrolyzed to prepare the slurry of disodium terephthalate. Then, said slurry dissolved in water is adsorbed to remove impurities, and followed by acid-neutralization to obtain terephthalic acid of this invention.

IPC 1-7
C07C 63/26; **C07C 51/09**

IPC 8 full level
C08J 11/16 (2006.01); **C07C 27/02** (2006.01); **C07C 51/09** (2006.01); **C07C 51/42** (2006.01); **C07C 63/26** (2006.01)

CPC (source: EP US)
C07C 51/09 (2013.01 - EP US)

Cited by
KR102381508B1; WO2023054830A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9724312 A1 19970710; DE 69516188 D1 20000511; DE 69516188 T2 20001123; EP 0876324 A1 19981111; EP 0876324 B1 20000405; JP 3069917 B2 20000724; JP H11502870 A 19990309; US 6031128 A 20000229

DOCDB simple family (application)
KR 9500187 W 19951230; DE 69516188 T 19951230; EP 95941925 A 19951230; JP 52422097 A 19951230; US 10100898 A 19980629